	Document ID	Issue Date	Pag es	Title	Current OR	Current XRef
1	US 2004014154 8 A1	20040722	31	Software adaptable high performance multicarrier transmission protocol	375/146	375/260
2	US 2004008602 7 A1	20040506	42	Orthogonal superposition coding for direct-sequence communications	375/146	370/208; 375/147
3	US 2004007119 8 A1	20040415	46	Code detection	375/148	
4	US 2004004253 1 A1	20040304	37	System and method for CDMA communications	375/148	375/150; 375/347
5	US 2004002230 2 A1	20040205	51	Serial cancellation receiver design for a coded signal processing engine	375/148	
6	US 2004001786 7 A1	20040129	26	INTERFERENCE CANCELLATION IN A SIGNAL	375/346	
7	US 2003023170 2 A1	20031218	75	Wireless communications systems and methods for cache enabled multiple processor based multiple user detection	375/148	375/150
8	US 2003020256 6 A1	20031030	68	Wireless communications systems and methods for multiple processor based multiple user detection	375/148	375/150
9	US 2003019828 4 A1	20031023	29	Interference cancellation in a spread spectrum communication system	375/147	375/148
10	US 2003019819 7 A1	20031023	68	Wireless communication systems and methods for contiguously addressable memory enabled multiple processor based multiple user detection	370/320	375/148
11	US 2003014272 6 A1	20030731	22	Universal rake receiver	375/146	375/147; 375/239
12	US 2003011808 3 A1	20030626	18	Large area wireless CDMA system and method	375/147	
13	US .	20030612	:	Time recovery circuit and method for synchronizing timing of a signal in a receiver to timing of the signal in a	375/354	375/147
14	US 2003009558 8 A1	20030522	12	Low complexity multiuser detector	375/147	

	Inventor	Image Doc. Displayed
1	Shattil, Steve J.	US 2004014154 8
2	Shattil, Steve J.	US 2004008602 7
3	Lomp, Gary et al.	US 2004007119 8
4	Arikan, Orhan et al.	US 2004004253 1
5	Olson, Eric S. et al.	US 2004002230 2
6	Thomas, John K. et al.	US 2004001786 7
7	Oates, John H. et al.	US 2003023170 2
8	Oates, John H. et al.	US 2003020256 6
9	Mesecher, David K. et al.	US 2003019828 4
10	Oates, John H. et al.	US 2003019819 7
11	Eltawil, Ahmed et al.	US 2003014272 6
12	Li, Daoben	US 2003011808 3
13	Wang, Fan et al.	US 2003010813 6
14	Yellin, Daniel et al.	US 2003009558 8

	Document ID	Issue Date	Pag es	Title	Current OR	Current XRef
15	US 2003009110 4 A1	20030515	13	Method and apparatus for reducing spread spectrum noise	375/148	
16	US 2003009110 2 A1	20030515	68	Computational methods for use in a short-code spread-spectrum communications system	375/147	
17	US 2003008651 5 A1	20030508	196	Channel adaptive equalization precoding system and method	375/346	
18	US 2003008165 9 A1	20030501	42	Method and apparatus for resolving multipath components for wireless location finding	375/148	375/152; 375/343
19	US 2003007687 5 A1	20030424	69	Hardware and software for performing computations in a short-code spread-spectrum communications system	375/147	
20	US 2003005352 2 A1	20030320	19	Method and device for estimating a channel propagation	375/147	
21	US 2003004388 7 A1	20030306	29	Communication system and methods of estimating channel impulse responses therein	375/144	
22	US 2003002634 5 A1	20030206	18	Multipath equalization for MIMO multiuser systems	375/260	375/346
23	US 2003002133 7 A1	20030130	18	Reducing spread spectrum noise	375/148	
24	US 2003001677 0 A1	7 20030123	195	Channel equalization system and method	375/346	·
25	US 2002018154 8 A1	1 20021205	13	CDMA searcher with time offset compensation	375/141	375/146
26	US 2002017648 5 A1	8 20021128	21	Multi-cast communication system and method of estimating channel impulse responses therein	375/144	375/260; 375/340
27	US 2002014600 3 A1	5 20021010		Multicarrier transmission system with reduced complexity leakage matrix multiplication	375/148	375/229
28	US 2002013153 4 A1	3 20020919		System and method for multistage interference cancellation	375/346	
29	US 200201267 9 A1	7 20020912		Receiving method and receiver	375/346	

	Inventor	Image Doc. Displayed
15	Yellin, Daniel	US 2003009110 4
16	Oates, John H.	US 2003009110 2
17	Trans, Francois et al	US 2003008651 5
18	Yousef, Nabil R. et al.	US 2003008165 9
19	Oates, John H.	US 2003007687 5
20	Hayoun, Lionel et al.	US 2003005352 2
21	Hudson, John E.	US 2003004388 7
22	Muharemovic, Tarik et al	US 2003002634 5
23	Moshavi, Shimon et al.	US 2003002133 7
24	Trans, Francois et al.	US 2003001677 0
25	Black, Peter J. et al.	US 2002018154 8
26	Hudson, John E.	US 2002017648 5
27	Gorokhov, Alexei et al.	
28	Ariyoshi, Masayuki et al.	
29	Denno, Satoshi	

	Document ID	Issue Date	Pag es	Title	Current OR	Current XRef
30	US 2002009402 0 A1	20020718		METHOD AND APPARATUS FOR REDUCING SPREAD SPECTRUM NOISE	375/148	
31	US 2002005772 8 A1	20020516	12	Method and apparatus for reducing spread spectrum noise	375/148	
32	US 2002003421 5 A1	20020321	45	CDMA receiver	375/147	
33	US 2001003866 6 A1	20011108	28	Interference cancellation in a spread spectrum communication system	375/148	
34	US 6748013 B2	20040608	50	Receiver for wireless telecommunication stations and method	375/148	375/150
35	US 6748009 B2			Receiver for wireless telecommunication stations and method	375/147	375/148
36				Interference cancellation in a signal	375/346	
37	US 6674790 B1	20040106		System and method employing concatenated spreading sequences to provide data modulated spread signals having increased data rates with extended multi-path delay spread	375/146	375/142; 375/150
38	US 6668009 B2	20031223	21	Apparatus and method for performing fast acquisition of PN sequences by transferring distributed samples	375/141	375/146; 375/147
39	US 6665282 B1	20031216	15	Method and apparatus for configuring a RAKE receiver	370/332	370/335; 375/147; 375/148
40	US 6650692 B2	20031118	44	CDMA receiver	375/147	370/335; 370/342
41	US 6628701 B2	20030930		Method and apparatus for reducing spread spectrum noise	375/148	
42	US 6574271 B2	20030603	29	Spread spectrum receiver for receiving a data signal using an adaptive algorithm	375/148	370/342; 375/144; 375/346
43	US 6519237 B1	20030211	15	Apparatus and method for parallel searching and correlating for CDMA system	370/335	370/342; 370/350; 375/130; 375/142; 375/147; 375/150
44	US 6466607 B1	20021015	19	Hybrid spread spectrum method and system for wirelessly transmitting and receiving wideband digital data	375/131	375/136; 375/147

08/04/2004, EAST Version: 1.4.1

_	Inventor	Image Doc. Displayed
30	YELLIN, DANIEL	
31	Yellin, Daniel	US 2002005772 8
32	Inoue, Takeshi et al.	US 2002003421 5
33	Mesecher, David K. et al.	US 2001003866 6
34	Reznik, Alexander et al.	US 6748013
35	Reznik, Alexander et al.	US 6748009
36	Thomas, John K. et al.	US 6711219
37	Rasmussen, Donald J. et al.	US 6674790
38	Lee, Byoung-Gi et al.	US 6668009
39	Eriksson, H.ang.kan B. et al.	US 6665282
40	Inoue, Takeshi et al.	US 6650692
41	Yellin, Daniel	US 6628701
42	Mesecher, David K. et al.	US 6574271
43	McDonough, John et al.	US 6519237
44	Chauncey, David Cet al.	US 6466607

08/04/2004, EAST Version: 1.4.1

	Document ID	Issue Date	Pag es	Title	Current OR	Current XRef
45	US 6466566 B1	20021015	38	Low complexity adaptive interference mitigating CDMA detector	370/342	375/144; 375/148
46	US 6389058 B1	20020514	21	Apparatus and method for performing fast acquisition of PN sequences by transferring distributed samples	375/141	375/146; 375/147
47	US 6278726 B1	20010821	28	Interference cancellation in a spread spectrum communication system	375/148	370/342; 375/144; 375/346
48	US 6269075 B1	20010731	13	Finger assignment in a CDMA rake receiver	370/206	370/342; 375/147; 375/349; 455/506
49	US 6256335 B1	20010703	39	Slow tracking of PN synchronization in a direct-sequence spread-spectrum digital communications system	375/136	375/147
50	US 6215812 B1	20010410	16	Interference canceller for the protection of direct-sequence spread-spectrum communications from high-power narrowband interference	375/144	455/296
51	US 6173006 B1	20010109	29	Direct sequence CDMA device and method for using the same	375/145	370/206; 370/342; 375/146; 375/149
52	US 6160841 A	20001212	58	Mitigation of multipath effects in global positioning system receivers	375/148	375/150
53	US 6101176 A	20000808	34	Method and apparatus for operating an indoor CDMA telecommunications	370/335	375/346; 455/501
54	US 6034986 A	20000307	13	Method and apparatus for reducing spread spectrum noise	375/148	375/346
55	US 6028887 A	20000222	32	Power efficient receiver	375/147	342/357. 06; 455/343. 2
56	US 5963582 A	19991005	60	Mitigation of multipath effects in global positioning system receivers	375/148	370/320; 375/249; 375/250; 375/343
57	US 5809060 A	19980915	41	High-data-rate wireless local-area network	375/146	
58	US 5799010 A	19980825	82	Code division multiple access (CDMA) communication system	370/335	370/342; 375/146; 375/149; 375/150
59	US 5742595 A	19980421	26	Processing CDMA signals	370/342	375/146; 375/287

	Inventor	Image Doc. Displayed
45	De Gaudenzi, Riccardo et al	US 6466566
46	Lee, Byoung-Gi et al.	US 6389058
47	Mesecher, David K. et al.	US 6278726
48	Tran, Jean-Marie	US 6269075
49	Hendrickson, Alan F.	US 6256335
50	Young, Shane Michael Joseph et al.	US 6215812
51	Kent, Mark et al.	US 6173006
52	Stansell, Jr., Thomas Atlee et al.	US 6160841
53	Honkasalo, Harri et al.	US 6101176
54	Yellin, Daniel	US 6034986
55	Harrison, Daniel David et al.	US 6028887
56	Stansell, Jr., Thomas A.	US 5963582
57	Cafarella, John H. et al.	US 5809060
58	Lomp, Gary et al.	US 5799010
59	Bhagalia, Shashikant	US 5742595

08/04/2004, EAST Version: 1.4.1

	Document ID	Issue Date	Pag es	Title	Current OR	Current XRef
60	US 5544156 A	19960806	10	Direct sequence CDMA coherent uplink detector	:	370/468; 375/147; 375/325; 375/340
61	US 5422909 A	19950606	18	Method and apparatus for multi-phase component downconversion	275/147	375/235; 375/236; 375/342; 375/345
62	US 5357541 A	19941018	26	Transceiver providing selectable frequencies and spreading sequences	:	375/146; 375/147; 380/34

	Inventor	Image Doc. Displayed
60	Teder, Paul M. et al.	US 5544156
61	Love, Robert T. et al.	US 5422909
62	Cowart, Brooks E.	US 5357541